

Converting Colors

XYZ(28.6068, 25.9288, 39.2725)

Have a look what the booklet for
XYZ(28.6068, 25.9288, 39.2725)
contains.

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Color

**XYZ(28.6181, 26.0171,
39.1108)**

Conversions

Conversions Part 1

Format	Color
Hex	9C83A5
RGB	156, 131, 165
RGB Percent	61%, 51%, 65%
CMY	0.3882, 0.4863, 0.3529
CMYK	0.05, 0.21, 0.00, 0.35
HSL	284°, 16%, 58%
HSV	284°, 21%, 65%
XYZ	28.6181, 26.0171, 39.1108
YIQ	142.3510, 3.9860, 15.8740

Conversions

Conversions Part 2

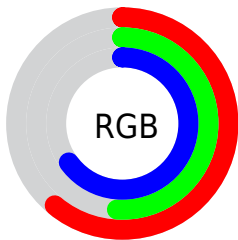
Format	Color
RYB	156, 131, 165
Decimal	10257317
CIELab	58.05, 15.93, -14.49
CIELCh	58, 21.534, 317.702
Yxy	26.0171, 0.3053, 0.2775
Android (android.graphics.Color)	4288447397 (0xFF9C83A5)
YUV	142.3510, 11.1660, 11.9702
Hunter-Lab	51.0070, 10.8875, -9.7571

Details

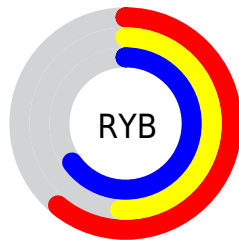
The XYZ color **28.6181, 26.0171, 39.1108** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **28.3680, 34.1251, 26.5656**, and the grayscale version is **25.8068, 27.1508, 29.5672**.

A 20% lighter version of the original color is **56.9227, 53.2972, 74.9974**, and **11.6320, 10.0202, 16.9438** is the 20% darker color. If you saturate the color by 10%, you get **25.7462, 21.5052, 38.3917**, and if you desaturate by 10%, it is **31.8749, 31.2527, 39.9501**.

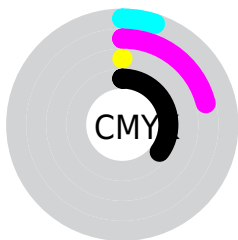
Distribution



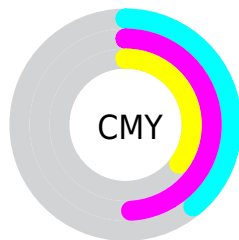
- Red (61%)
- Green (51%)
- Blue (65%)



- Red (61%)
- Yellow (51%)
- Blue (65%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6181, 26.0171, 39.1108 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.6181, 26.0171, 39.1108 by changing the saturation by 10% instead.

■ 28.6181, 26.0171,
39.1108

■ 28.6181, 26.0171,
39.1108

287.4356,
282.8660, 357.8014

■ 18.9349, 16.8364,
26.5374

■ 56.8715, 53.3025,
75.0298

■ 11.7270, 10.1179,
16.9968

■ 76.1725, 72.1761,
99.2124

■ 6.6289, 5.4772,
10.0703

■ 99.4102, 95.0494,
128.1020

■ 3.2754, 2.5299,
5.3394

126.9498,
122.3068, 162.1169

■ 1.3010, 0.8916,
2.3855

159.1568,
154.3328, 201.6758

■ 0.1840, 0.0000,
0.7785

196.3965,

■ 0.0000, 0.0000,

191.5118, 247.1971

0.0000

239.0343,
234.2280, 299.0994

■ 28.6181, 26.0171,
39.1108

■ 28.6181, 26.0171,
39.1108

■ 25.7462, 21.5052,
38.3917

■ 31.8749, 31.2527,
39.9501

■ 23.2399, 17.6802,
37.7855

■ 35.5301, 37.2400,
40.9131

■ 21.0815, 14.5071,
37.2868

■ 39.5994, 44.0095,
42.0053

■ 19.2512, 11.9462,
36.8889

■ 44.0970, 51.5891,
43.2313

■ 17.7266, 9.9536,
36.5847

■ 49.0363, 60.0052,
44.5954

16.4825, 8.4794,
36.3657

54.4302, 69.2830,
46.1019

15.4894, 7.4648,
36.2222

60.2909, 79.4467,
47.7548

14.7220, 6.8049,
36.1353

64.0234, 85.3058,
48.6890

65.1380, 85.8804,
48.7412

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.2817, 26.0171, 44.2945



28.6181, 26.0171, 39.1108



29.9479, 26.0171, 31.4922

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.6181, 26.0171, 39.1108



25.8099, 26.0171, 16.5047



20.2605, 26.0171, 32.9138

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.6181, 26.0171, 39.1108



28.3680, 34.1251, 26.5656

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20.1537, 26.0171, 25.3835



28.6181, 26.0171, 39.1108



23.2377, 26.0171, 16.7499

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.6181, 26.0171, 39.1108



28.2519, 26.0171, 18.9940



21.2083, 26.0171, 19.7354



21.5109, 26.0171, 40.3075

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.6181, 26.0171, 39.1108



30.0271, 26.0171, 26.4504



21.2083, 26.0171, 19.7354



20.0930, 26.0171, 30.2929

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.6189, 26.0182, 39.1114



59.9371, 60.6200, 72.2941



25.5405, 26.3187, 39.3316



13.0176, 13.1123, 15.7823



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.6189, 26.0182, 39.1114



48.6729, 42.5155, 69.3933



29.7256, 26.6696, 35.5098



7.1805, 7.1074, 8.8965



11.1860, 5.1731, 27.3387



0.2758, 0.1297, 0.5764

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.3679, 26.1265, 28.3600



48.1945, 42.7821, 46.1854



27.4714, 33.5984, 29.4389



7.1472, 7.1153, 7.7615



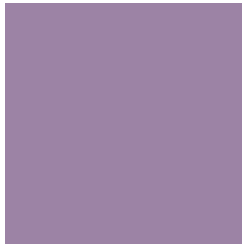
12.0964, 6.1946, 2.4325



0.2725, 0.1375, 0.1479

Previews

White Background



This preview shows how the XYZ color 28.6181, 26.0171, 39.1108 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 28.6181, 26.0171, 39.1108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

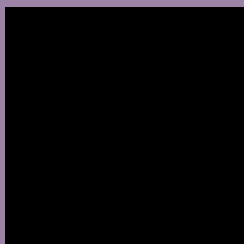
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6181, 26.0171, 39.1108

Background



This preview shows how black text looks on a background with the XYZ color 28.6181, 26.0171, 39.1108.



This preview shows how white text looks on a background with the XYZ color 28.6181, 26.0171,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.6181, 26.0171, 39.1108

Protanopia

26.0170, 26.0658, 41.6902

Deuteranopia

26.4895, 25.9514, 38.7349



Tritanopia

26.9117, 26.1446, 30.4161

Trichromacy



Original Color

28.6181, 26.0171, 39.1108

Protanomaly

26.7164, 25.8178, 40.6210

Deuteranomaly

27.0800, 25.8415, 38.6826

Tritanomaly

27.5190, 26.1872, 33.3100

Monochromacy



Original Color

28.6181, 26.0171, 39.1108

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.6261, 26.5820, 32.5817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6181, 26.0171, 39.1108 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(156, 131, 165)` looks like.

```
.text, #text, p{  
    color:rgb(156, 131, 165)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(156, 131, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 131, 165) }
```

Border

The CSS property to change the border of an element to XYZ 28.6181, 26.0171, 39.1108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 131, 165) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(156, 131, 165) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(156, 131, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 131, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 131, 165);  
box-shadow:4px 4px 4px 4px rgb(156, 131,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6181, 26.0171, 39.1108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 131, 165) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(156,  
131, 165) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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